PA-TD(

| QUERY CONTROL FORM | | | | RTIS USE ONLY | | |
|--------------------|----------|----------------|---------|-----------------|----------|--|
| Application No. | 09669476 | Prepared by | ewc | Tracking Number | 05875045 | |
| Examiner-GAU | Fox | Date | 1/15/04 | Week Date | 12-15-03 | |
| | 1638 | No. of queries | - 2 - | IFW | | |

| JACKET | | | | | | | | |
|----------------------|------------------------|--------------------|----------------|--|--|--|--|--|
| a. Serial No. | f. Foreign Priority | k. Print Claim(s) | p. PTO-1449 | | | | | |
| b. Applicant(s) | g. Disclaimer | I. Print Fig. | q. PTOL-85b | | | | | |
| c. Continuing Data | h. Microfiche Appendix | m. Searched Column | r. Abstract | | | | | |
| d. PCT | i. Title | n. PTO-270/328 | s. Sheets/Figs | | | | | |
| e. Domestic Priority | j. Claims Allowed | o. PTO-892 | t. Other | | | | | |

| SPECIFICATION | € MESSAGE |
|------------------------|--|
| a. Page Missing | PTO-1449 Please either initial or |
| b. Text Continuity | line through citations. see attacked. |
| c. Holes through Data | O Foreign priority: Please provide acisnowledgment |
| d. Other Missing Text | Of foreign priority claim PTO or its |
| e. Illegible Text | contractor will acknowledge receipt of certified |
| f. Duplicate Text | copy once it is yecoived Sie MPEP201,140 |
| g. Brief Description | under headings No Certified Copy and |
| h. Sequence Listing | Application in Issue |
| i. Appendix | Thank you |
| j. Amendments | PWI |
| k. Other | |
| | |
| CLAIMS | |
| a. Claim(s) Missing | |
| b. Improper Dependency | |
| c. Duplicate Numbers | |
| d. Incorrect Numbering | initials |
| e. Index Disagrees | RESPONSE |
| f. Punctuation | |
| g. Amendments | |
| h. Bracketing | |
| i. Missing Text | |
| j. Duplicate Text | |
| k. Other | |
| | initials |

| , -· * | | 3573-1103 | 699,47 | | | | | |
|--------------|--|--|--|--|--|--|--|--|
| INFOR | MATION DISCLOSURE CITION | Applicant(s) Botelin, J.R. | C. CA | | | | | |
| | (Use several stress y mercans) | Piling Date | Group Art Web Che | | | | | |
| *EXAMPLE | | | 7708 2 | | | | | |
| OF E | Applicants) Rotella, J.R. Pring Date OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Botella, et al., "Identification and Characterization of a Full-laugth cDNA Encoding for Auxin-Aminocyclopropane-1-Carboxylate Synthase from Violated Munig Bean Hypocotyl Segments an Rasponse to Endole-3-Acetic Acid," Journal of Molecular Biology 28: (1997) 425-436. Miki, et al., "Nucleostide Sequence of a cDNA for 1-Aminocyclopropane-1-Carboxylate Synthase Physiology 107 (1995) 297-298. Van Der Straeten, et al., "Cloning, Genetic Mapping, and Expression Analysis of an Arabidopsi 1-Aminocyclopropane-1-Carboxylate Synthase," Proceedings of National Academy of Science I. Tip, et al., "Differential Accumulation of Transcripts for Four Tomato 1-Aminocyclopropane-1-Blomology under Various Conditions," Proceedings of National Academy of Science, USA 89 (1971) 1937-98. Rottmann, et al., "1-Aminocyclopropane-1-Carboxylate Synthase in Tomato is Encoded by a Martinas in Induced During Freit and Floral Senescence," Molecular Biology (1991) 937-98. Plant Gene Expression Center, "One Rotten Apple Spoils the Whole Bushel: The Role of Ethyle (1992) 181-184. | "/Ep "V2 | | | | | | |
| JAN 1 5 2002 | Botella, et al., "Identification and Characterizati Aminocyclopropane-I-Carboxylate Synthase fro Response to Endole-3-Acetic Acid," Journal of N | ion of a Full-length cDNA Encoding im Violated Mung Bean Hypecotyl folecular Biology 20: (1992) 425-43: | Group Art Tree / 1/4/38 Comman Art Tree / 1 | | | | | |
| TRADEW TO | Miki, et al., "Nucleotide Sequence of a cDNA for Physiology 107 (1995) 297-298. | 1-Aminocyclopropane-1-Carboxyl | ate Synthase from Melon Fruits," Plant | | | | | |
| | Van Der Strasten, et al., "Cloning, Genetic Map- l-Aminocycloprepane-i-Carboxylate Synthese," | ping, and Expression Analysis of an Proceedings of National Academy | Arabidopsis Thallaga Gene that Escod of Science USA 89 (1992) 9969-9973. | | | | | |
| | Fip. et al., "Differential Accumulation of Transc Homologs under Various Conditions," Proceeds | Vip., et al., "Differential Accumulation of Transcripts for Four Tomato 1-Aminocyclopropane-J-Carboxylate Synthese Homologs under Various Conditions," Proceedings of National Academy of Science, USA 89 (1992) 2475-2479. | | | | | | |
| | Rottmans, et al., "1-Aminocycloprepase-i-Carboxylate Synthese in Tomato is Encoded by a Multigene Family Whose Transcription is Induced During Fruit and Floral Senescence," Molecular Biology (1991) 937-961. | | | | | | | |
| | Proceedings of National Academy of Science, US | nes for I-Aminocyclopropane-1-Ca iA 88 (1991) 5340-5344. | rboxylate Synthase in Tomato Fruits," | | | | | |
| ı | | Plant Gene Expression Center, "One Rotten Apple Spoils the Whole Bushel: The Rele of Ethylene in Fruit Ripening," Cel (1992) 181-184. | | | | | | |
| | | | RECEIVED | | | | | |
| | | | JUL 0 7 2003 | | | | | |
| | | | TECH CENTER 1600/2900 | | | | | |
| • | | | | | | | | |
| | | | · | | | | | |
| | | | | | | | | |
| | · | | | | | | | |
| : | | | | | | | | |
| EXAMENER | | DATE CONSIDERED | | | | | | |

90000000A

*EXAMINER: luitial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance as not considered. Include copy of this form with next communication to applicant.

| PROTECTION DISCLOSURE CITION OF SEVERAL STREET (Inccessory) | | | | 3573-110,2- | | 9,476 | | | | |
|---|---------------------------|--|-----------------------------|--|--|---|----------------|--|--|--------------|
| | | | | | Applicant(s) Botella, J.R. | | | | | |
| | A STATE SHEET (MELLINGY) | | | | | Filing Date | | Group Art Unit | | |
| 14M 1 5 7000 | | | | | September 25, | 2000 | | 1638 | | |
| 1 | | | | | U.S. PAT | ENT BOCUMENTS AND | . Paut | - gx VC | 466 | TL (I) |
| PETAL | 1 | Lus | POCUMENT NUMBER | SATE | | KAPAE | CLASS | Dus (| | BATE |
| DETIDOL | | | | | + | Cx '42 | \ | 1-23- | PAR | CHANK |
| | L . | <u> </u> | | J | | | | 1 | 2 | 7 |
| | | | | | T | Vo | By C | 139 | TE S | 四 |
| | | ╂ | | | | | 75 | | 3 = 2 | |
| | <u> </u> | | | | | | 3b | <u> </u> | 12 | |
| | | | | | | | Ġ. | 1 | 10 | |
| | ┢─ | ╂── | | | + | | + | | | |
| | <u> </u> | <u> </u> | | | | · | | 1 7/ | 2 | |
| ` | | | | | | | | PAL VACENTES | 121V | E |
| , | ┼─ | 一 | | | | | + | 1 14 | 2 | CO |
| | ــــ | ┞— | | ↓ | | | | | 2003 | |
| | ĺ | 1 | | 1 | | | 1 | CNIE | 700 | |
| | _ | 1 | | 1 | | | | | 1000,20 | 20 |
| | ├ | - | | | | | | | | <u>v</u> |
| | 1 | 1 | | | 1 | | 1 | | l | |
| | | | | | | | | | | |
| | 1 | <u>. </u> | | ــــــــــــــــــــــــــــــــــــــ | | | Щ | <u> </u> | <u> </u> | |
| | | · | | | PUREIG | N PATENT DOCUMENTS | | | , | |
| | REF | | BOCUMUSTY HUBERER | STAG | | COCPURY | CLASS | SUNCLASS | YES | NO |
| | | 92/0 | 14456 | 03/19/92 | PCT | | | | | |
| | ├ | ₩ | | | + | | + | | | |
| | <u>L</u> _ | 92/1 | 12249 | 07/23/92 | PCT | | | | | <u> </u> |
| | | - | | | | | | | ļ . | Ī |
| | | ╂─ | | | - | - | + | | | _ |
| | | ┞ | | | | | | | ! | <u> </u> |
| | l | | | | | | | | | |
| | <u></u> | - | | | OTHER | DOCUMENTS (Including | Author, Title | Date, Persinent P | eres, Etc.) | |
| | | | | | | | | | | |
| | | | | | ٠ | | | | | |
| | j | | | | | | | | | |
| | 7 | | | | | | | | | |
| • |) | | | | | | | | | |
| | _] | | | | | | | | | |
| EXAMINE | R | | | | | DATE CONSIDERED | | | | |
| | | | | | | | | | | |
| LXAMINE | R: Sait | ial if ci | tation considered, whether | or not citation is | la conforman | ce with MPEP Section 609; | Draw Bot three | rgh citation if we | t in conform | - |
| | . TU. A | | ropy of this form with next | | · · · · · · · · · · · · · · · · · · · | | | | | |

Form PTO-A820 (atso form PTO-1449)

Palent and Trademark Office * U.S. DEPARTMENT OF CONTINE

SEEET 1 OF 2

. .